

## Re: Bad tuner?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-06/msg00993.html>

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- *From:* Franc Zabkar <[fzabkar@xxxxxxxxxxxxxxxxxxx](mailto:fzabkar@xxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 18 Jun 2005 08:28:01 +1000
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On 16 Jun 2005 12:22:42 -0700, stokesb@xxxxxxx put finger to keyboard and composed:

>I have a magnovox model #RJ5540-AK01 that only picks up snow and no  
>sound on all channels. The cable connection is good (from a satellite).  
>Set initially had only black raster, but now has decent brightness  
>since tapping on CRT neck board. The rear A/V jacks give a perfect  
>picture and sound. I suspect a bad tuner, but how can I determine if  
>the tuner is bad, and is there another suspect component I can check. I  
>am a beginner and have only been working televisions for about 1 year.  
>Thanks group for any suggestions.

I don't have any experience with your particular set, but here are some general tips.

Meter the tuner's pins. It appears that your tuner is getting power (B), otherwise you wouldn't see snow, just a white or black screen. Check that the band switching pins (BU, BH, BL) respond to band changes (UHF, VHF high, VHF low). Also check that the tuning voltage (VT) increases and decreases smoothly as the channels are scanned.

See the bottom RH corner of this page for a typical pinout:  
[http://www.wagner.net.au/Catalogue/03\\_01.pdf](http://www.wagner.net.au/Catalogue/03_01.pdf)

– Franc Zabkar

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Please remove one 's' from my address when replying by email.

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• *References:*

◆ ***Bad tuner?***

◇ *From:* stokesb

- Prev by Date: ***Re: Bad tuner?***
- Next by Date: ***Re: Info needed on Westinghouse H-167 console radio***
- Previous by thread: ***Re: Bad tuner?***

Re: Bad tuner?

- Next by thread: ***Technics Amp Shut-down Protection***
- Index(es):
  - ◆ ***Date***
  - ◆ ***Thread***